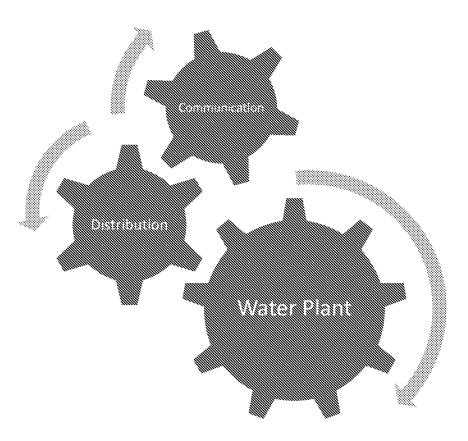
EXHIBIT 53



Solution Involves Coordination of 3 Activities



Water plant improvements

- · Optimize chemical dosages
- Consider different chemicals
- Install granulated activated carbon
- Complete plant upgrades
- Implement best mgt practices

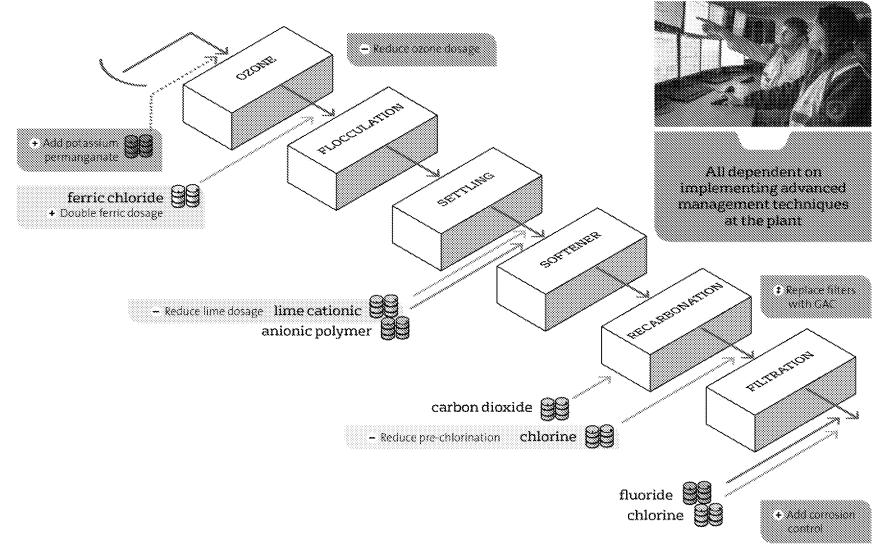
Distribution system improvements

- Fix hmken valves
- Ask for customer feedback
- Reduce tank storage
- Target line flushing
- Run a hydraulic model

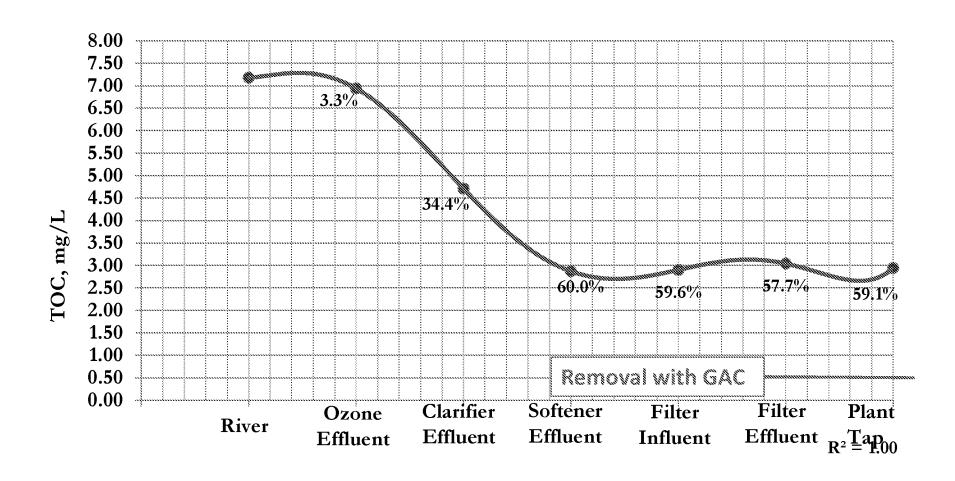
Better communication with customers

- Engage advisory committees
- More accessible utility
- Make it easy to access information
- Better customer communication

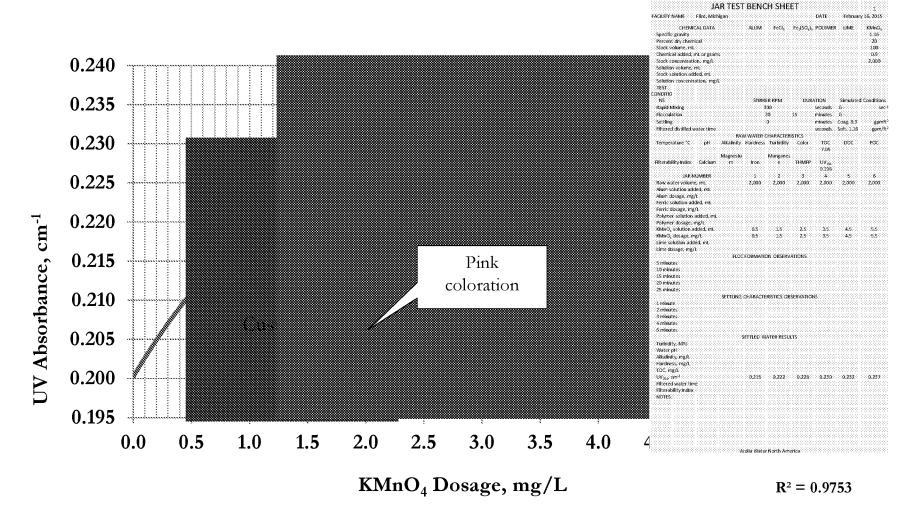
Optimize Plant Processes



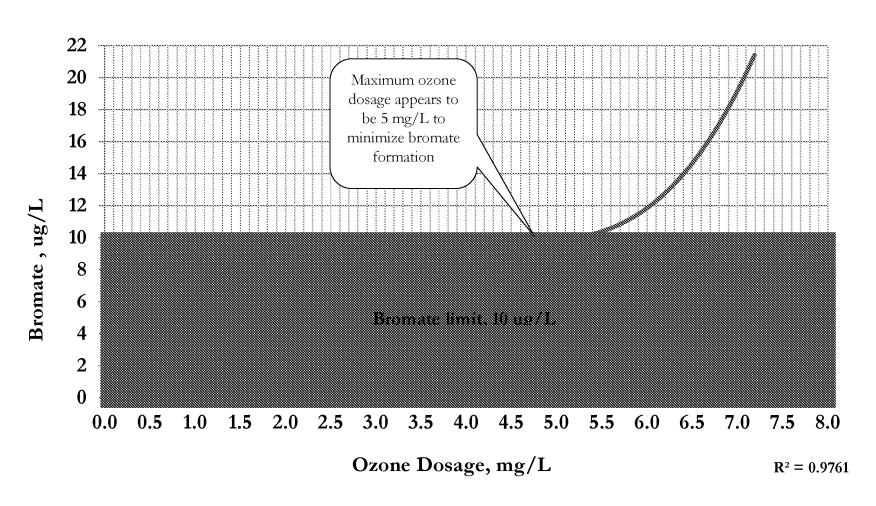
TOC Removal Efficiency Optimizing Current Plant



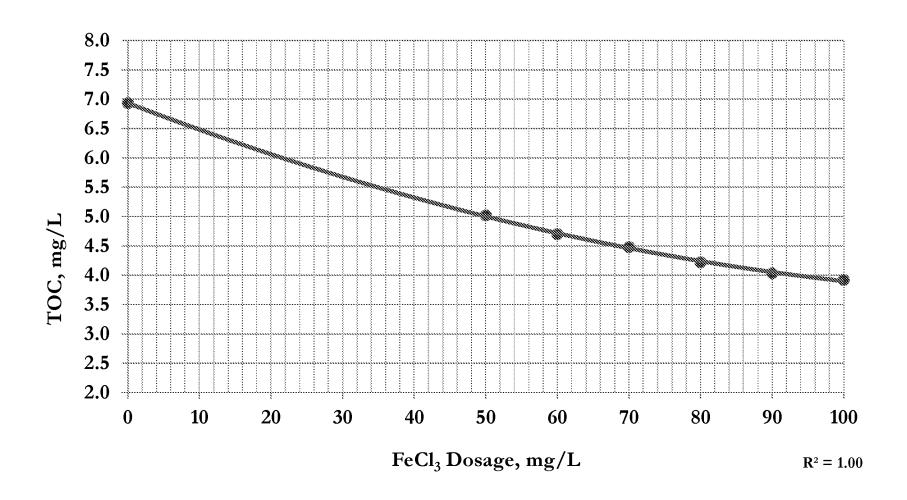
Polassium Permanganale Dosing Graph



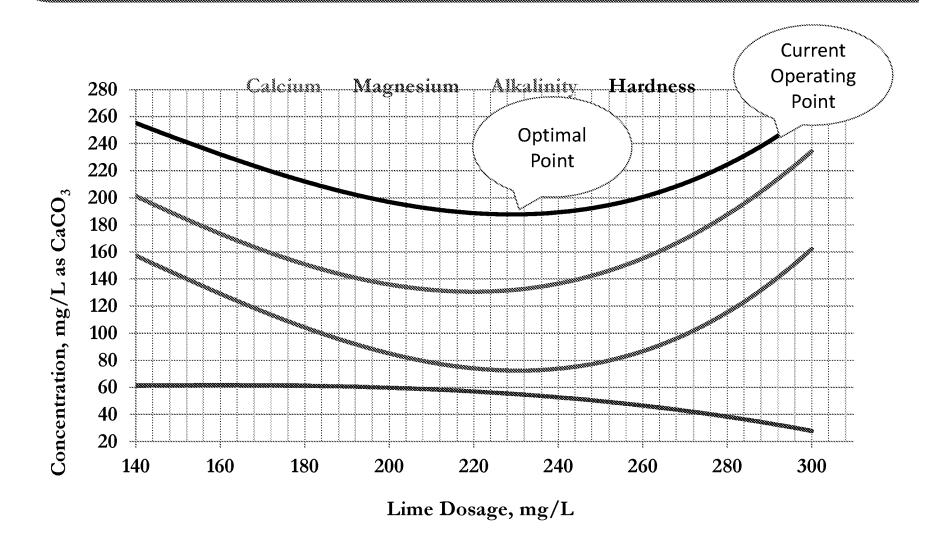
Bromate Dosing Graph



Dosage of Ferric Chloride



Lime Dosage Graph



Implement Best Management Practices

Activities to Help Operators Maintain Good Water Quality

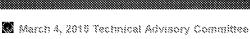
- Process ControlManagement Plan
- Lab QA/QC Program
- Computerized Maintenance
 Management System
- Asset Management System
- Training and Certification Program
- Vulnerability Plan

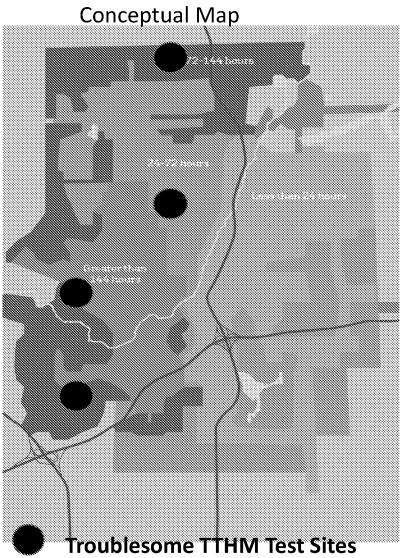


Water Age Map

- Speed up flow of water from plant to homes – 2 weeks plant to house
 - Find closed valves & open them
 - Replace broken valves
 - Update hydraulic model
 - Reduce system storage
- Track customer complaints
 - Test customer water
 - Spot flush hydrants to clean areas of stagnant water in the system







Make It Easy to Access Information and People

Develop a proactive customer communication plan

- Create advisory committees to help direct efforts and improve flow of information
- Add additional communication personnel for the utility
- Develop a pro active communication program
- Establish a single point of contact to manage all water quality complaints
- Provide additional customer service training and tools to staff
- Expand neighborhood and community outreach
- Change monthly billing statements from card to envelope with information

Ouesijons?